

# Flygt Compit pump stations

The complete pump station for pressurized sewage systems



*Engineered for life*

# One pump station for single or multi-family housing

## Quick installation

Compit is a prefabricated pump station for sewage or pressurized sewage systems and for groundwater.

Compit is complete on delivery and ready for installation and immediate connection.

The pump station is made of rotomoulded polyethylene and is easy to handle. Its weight excluding the pump is between 181 and 244 kg, depending on the version.

## Flexible design

The Compit pump station can be installed at a depth of 1.9 and up to 3 meters using an extension shaft that can be cut to the required length.

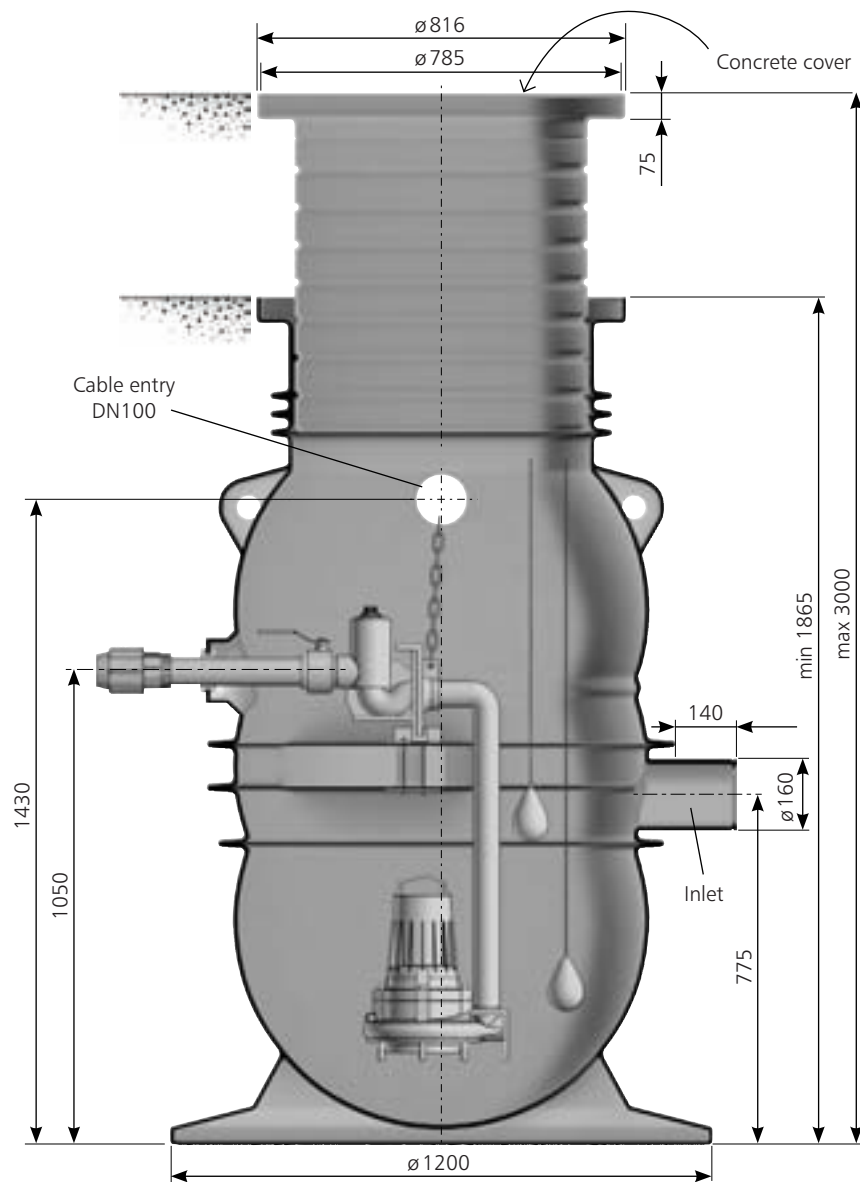
Each pump station can be equipped with one or two pumps.

## Reliable operation

The bowl-shaped bottom and smooth inner surface of the pump station mean that it is self-cleaning.

## Technicalities that matter

- The pump is easily installed by lowering it onto the discharge connection. A rubber guide band is included for the deeper installations.
- All internal discharge piping is stainless steel and all fittings are made of surface-treated cast iron.
- Check valve and shut-off valve.
- Concrete cover (40 kg) with lifting handle.
- Stainless steel lifting chain.
- Polyethylene extension shaft (20–40 kg).
- DN 150 inlet.
- The outlet pipe is equipped with a DN 50 connection (Dy 63 mm).



# The right Flygt pumps and controller for Compit

## Grinder pumps with cutting impeller for sewage

Flygt submersible grinder pumps such as the 3068, 3085 and 3102 have an impeller unit designed specially for handling the rigours of pressurized sewage systems. With components made of chromium-alloy and stainless steel, a cutting impeller grinds particles until they measure no more than 5x15 mm, thus eliminating the risk of clogging. The fine slurry can then be pumped through pipes measuring just 50 mm in diameter. These pumps can be run intermittently with up to 30 starts per hour, and can handle liquids at temperatures up to 40°C.



## FGC for reliable pump control

FGC controllers provide comprehensive functionality for flexible sensor management and operational data for status handling. Compact, flexible and robust, these pump controllers are compatible with level regulators as well as pneumatic and pressure sensors, and they can be used in almost any regulatory environment. The FGC is a single or dual pump controller for pumps up to 5.5 kW (with grinder pumps in the range 1.2 to 2.4 kW).

## Pumps for greywater and groundwater

Flygt submersible 3045 and 3057 sewage pumps are suitable for greywater from baths, showers and washing machines. Both are made of cast iron and highly wear-resistant.

Flygt DX groundwater pumps feature stainless steel pump and motor casings.

All pumps in this range can be supplied with a channel or vortex impeller.



## Pressurized sewage systems

Small (50 mm) diameter pipes can be laid at a shallow depth following the lie of the land, thus eliminating the need for gravitational slopes or costly excavation works. They can be laid for several kilometers before connecting to the municipal sewage network.

ITT Flygt can provide assistance in system planning, design and installation.



### **What can ITT Flygt do for you?**

From water supply to mining, sewage systems to construction, and process industries to emergency services, ITT Flygt solutions are helping our customers solve some of the toughest fluid-handling problems in a safe and cost-effective way.

As a leading supplier of fluid-handling solutions, we have the products and expertise to provide you with complete pumping solutions, from planning and delivery, to installation and after-sales service. With a worldwide service network, you can always get the support you need.

Flygt, a wholly owned subsidiary of ITT of White Plains, New York, is represented in more than 130 countries and has more than 40 sales companies.

[www.flygt.com](http://www.flygt.com)